

## Storm Data and Unusual Weather Phenomena - December 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### MICHIGAN, East

#### (MI-Z055) SANILAC

12/01/08 00:00 EST	0	Heavy Snow
12/01/08 11:00 EST	0	

A low pressure system tracked northeast, roughly along a line from Indianapolis to Detroit to London, Ontario. Four to seven inches of snow fell along and north of M-59, with an isolated total of 8.6 inches reported in Marlette. The snow began during the late afternoon hours of November 30th and ended during the late morning of December 1st.

#### (MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA

12/09/08 00:00 EST	0	Winter Storm
12/10/08 00:00 EST	0	

A low pressure system tracked through southeast Michigan, delivering 5 to 9 inches of snow north of I-69, with amounts quickly tapering off farther south as precipitation type was mostly rain.

Here are some of the higher snowfall totals reported:

Auburn (Bay) 8 inches.  
 Fillion (Huron) 7.3 inches.  
 Hope (Midland) 9 inches.  
 Freeland (Saginaw) 7 inches.  
 Caro (Tuscola) 6.7 inches.

#### (MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE, (MI-Z083) MONROE

12/19/08 04:00 EST	0	Winter Storm
12/19/08 15:00 EST	0	

A strong upper wave tracked through southern Lower Michigan, with the associated surface low track through northern Ohio. This track helped lock in the cold air in place, resulting in a general 6 to 12 inch snowfall across southeast Michigan, which fell in a ten hour period. Here are some of the higher snowfall totals reported:

Flint (Genessee) 7.4 inches.  
 Clio (Genessee) 11.0 inches.  
 Port Austin (Huron) 10.0 inches.  
 Harbor Beach (Huron) 10.0 inches.  
 Elba (Lapeer) 8.0 inches.  
 Lapeer (Lapeer) 9.3 inches.  
 Brighton (Livingston) 9.0 inches.  
 Shelby Township (Macomb) 11.5 inches.  
 Sterling Heights (Macomb) 10.0 inches.  
 Midland (Midland) 10.5 inches.  
 Maybee (Monroe) 6.0 inches.  
 Lake Orion (Oakland) 12.0 inches.  
 Rochester Hills 11.5 inches.  
 Burt (Saginaw) 12.0 inches.  
 Saginaw (Saginaw) 11.0 inches.  
 Marlette (Sanilac) 12.8 inches.  
 Port Huron (St. Clair) 11.0 inches.  
 Fairgrove (Tuscola) 11.0 inches.  
 Ann Arbor (Washtenaw) 7.2 inches.  
 Wyandotte (Wayne) 8.5 inches.

#### (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE, (MI-Z083) MONROE

12/21/08 20:00 EST	0	Cold/Wind Chill
12/22/08 00:00 EST	0	

Southwest winds allowed arctic air to stream in from the Ohio River Valley, leading to wind chills around 25 below zero.

#### (MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE,

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(MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWEE, (MI-Z083) MONROE				
	12/28/08 04:00 EST		22.50M	High Wind (MAX 59 kt)
	12/28/08 10:00 EST		0	

A rapidly deepening low pressure system tracked northeast from northern Lake Michigan, sending a strong cold front through southeast Michigan. Winds gusts of 50 to 65 mph behind the cold front lead to widespread tree branches and trees downed, along with extensive power outages, as more than 400,000 Michigan homes and businesses lost power. The majority of those customers who lost power were located in the Detroit Metro Area.